

Docket No. 212883US2
IN RE APPLICATION OF: Yasukazu MUKOGAWA, et al.
SERIAL NO: 09/930,132
FILED: August 16, 2001
FOR: ULTRAPURE WATER PRODUCING APPARATUS



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TC 1700

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Transmitted herewith is an Amendment w/ Marked-Up Copy in the above-identified application.

- ☒ No additional fee is required
☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
☐ Additional documents filed herewith:

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	11	MINUS	20	0	x \$18 =	\$0.00
INDEPENDENT	3	MINUS	3	0	x \$84 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$280 =	\$0.00
		TOTAL OF ABOVE CALCULATIONS				\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		<input type="checkbox"/> Recordation of Assignment			+ \$40 =	\$0.00
		TOTAL				\$0.00

☐ A check in the amount of **\$0.00** is attached.

☒ Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND,
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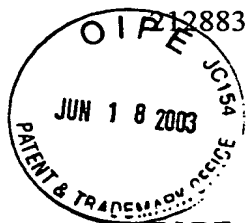


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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

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IN RE APPLICATION OF:

Yasukazu MUKOGAWA, et al.

: EXAMINER: CINTINS, I

SERIAL NO: 09/930,132 ✓

:

FILED: AUGUST 16, 2001

: GROUP ART UNIT: 1724

FOR: ULTRAPURE WATER PRODUCING
APPARATUS

AMENDMENT

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

In response to the Office Action dated March 27, 2003, please amend the above-identified application as follows:

IN THE CLAIMS

A clean copy of the claims incorporating any amendment is shown below.

Please amend Claim 5 as follows:

5. (Twice Amended) An ultrapure water producing apparatus comprising:

at least two ion exchangers each configured to purify pure water;

a main route connecting said at least two ion exchangers in series; and

a plurality of bypass routes connected to said main route and connecting said at least

two ion exchangers in series such that the pure water flows through the at least two ion

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